



14th International Symposium on the Ordovician System

July 15–26, 2023; Estonia and Sweden

in conjunction with

The 3rd Annual Meeting of IGCP 735 and STRATI-2023 Ordovician Excursion

ISOS-14: First Circular

The 14th International Symposium on the Ordovician System will take place in Estonia, as agreed by the delegates of the 13th meeting in Novosibirsk, Russia, in 2019. After 41 years and ten previous meetings, the major event for all friends of the Ordovician System will return to Baltica.

Estonia is an appropriate place for an Ordovician meeting as the Ordovician rocks occur throughout the country and crop out within a third of its territory. The conference venue, the capital city of Tallinn, is located mainly on Ordovician strata and built from Darriwilian limestone. The Ordovician rocks of Estonia have been attracting geology students since the early 18th Century, and the rich and well-preserved fossil record has made the region renowned worldwide. Together with the neighbouring Baltoscandian countries, Estonia continues to serve as a model area for Ordovician studies and welcomes you in July 2023!

Tõnu Meidla and Olle Hints
on behalf of the organisers

Schedule and deadlines

October 20, 2022	Registration open on conference website! Early-bird registration until January 31, 2023
March 2023	Distribution of the Second Circular
April 1, 2023	Deadline for short papers and abstracts Deadline for paying the regular conference fee
June 2023	Distribution of the Third Circular
July 14, 2023	Arrival in Tallinn (for pre-conference excursion)
July 15-18, 2023	Pre-conference excursion: Ordovician of Estonia
July 18, 2023	Registration and Ice Breaker in Tallinn
July 19-21, 2023	Scientific sessions, conference Dinner
July 22, 2023	Travel from Tallinn to Stockholm for the Post-Conference Excursion
July 23-26, 2023	Post-conference excursion: Ordovician in Sweden
July 27, 2023	Departures from Stockholm

About Estonia

Estonia is located in northern Europe between Finland, Russia, Latvia and Sweden. With an area of 45,000 km² and a population of ca 1.3 million, it is one of the smallest countries in Europe. The official language is Estonian, a Fenno-Ugric language spoken by 1.1 million people. Estonia is a member of the European Union, the Eurozone, NATO, the OECD, and the Schengen Visa Area.

Estonia is renowned for its economic and social freedom, sound education system, high level of digitisation and government e-services. The capital of Estonia is Tallinn, famous for its UNESCO World Heritage medieval old town. Tartu, the second largest city in the country, is best known for its university, established in 1632. Find out more at: <https://estonia.ee>, <https://www.visitestonia.com>.

Travel

Tallinn can be reached from many European cities by direct flights or via nearby larger airports, particularly Helsinki, Stockholm and Riga. From Scandinavia and Central Europe, Estonia is also reachable by car or bus. For details, please consult: <https://www.visitestonia.com/en/travel-here-around/travel-to-estonia>

Please check if you need a visa for Schengen Area and contact the organisers in advance should you need an official invitation.

Accommodation

Conference participants are responsible for arranging accommodation for the entire period of stay, including the pre-conference excursion. A variety of hotels and other types of accommodation is available at <https://booking.com>, with the usual price range from EUR 50 to EUR 250 per night.

Conference venue

The scientific sessions will take place at the Astra Building of Tallinn University, located in Tallinn City Centre (address: [Narva mnt 29](#)), within walking distance from the historical Old Town, various hotels, restaurants, and the Baltic Sea.

Registration fees and payment options

Early-Bird Conference Fee Covers abstract volume, ice breaker, coffee-breaks and lunches To be paid no later than January 31, 2023	EUR 300
Regular Conference Fee As above, to be paid between February 1 and April 1, 2023	EUR 400
Student Fee To be paid before April 1, 2023.	EUR 250
Late Conference Fee If paid after April 1, 2023	EUR 550
Conference Dinner (21.07.2023)	EUR 75
Pre-conference excursion: Ordovician of Estonia (July 15-18, 2023) Includes guidebook, transportation, field lunches (accommodation in Tallinn, should be booked by participants separately). The number of places is limited.	EUR 300
Post-conference excursion: Ordovician of Sweden (July 23-26, 2023) Includes guidebook, lunches, and accommodation. The number of places is limited. Late price (if paid after April 1, 2023)	EUR 600 EUR 700
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Invoice and Bank transfer

For paying the early bird conference fee, the University of Tartu will issue invoices on request. Please indicate the keyword "ISOS14" and the names of participant(s) in the payment description, and ensure that the payment will be without charges to the beneficiary.

Credit card payments

Credit card payments are preferred, the details are to be announced at the conference website and in the second circular.

Cancellation

Refunds of 50% of the conference and excursion fees will be paid if the cancellation is received before July 1, 2023. No refunds are possible after this date. In case of unlikely cancellation or postponing the meeting due to global health or security crisis, the fees will be returned.

Support

Limited support to young researchers from the IGCP 735 will be possible; please contact the conference secretary for further details. Note that only participants with presentations will be considered for support.

Registration and Icebreaker

Registration desk will be opened at the conference venue in the afternoon of July 18, 2023. Icebreaker will take place in the same location. Details in the Second Circular.

Conference dinner and spouse activities

The conference dinner will take place on July 20, 2023. The place will be announced in the Third Circular. Note that the Conference Dinner is not included in the registration fee in most cases.

Spouse activities will be organised for the period of scientific sessions if there is interest. Please indicate your interest in the registration form.

Short papers and abstracts

The conference volume will be published in the [Estonian Journal of Earth Sciences](#), a SCOPUS-indexed Open Access journal. Participants are invited to submit short papers (4 printed pages) on any aspect of the Ordovician System worldwide. The manuscripts will be peer-reviewed and, upon recommendation, published as regular 'Short Communication' papers. Please prepare your manuscript using the 'short paper template' that will be available on the conference website soon.

Alternatively, participants may submit abstracts (1 printed page), but note that these will not be indexed in SCOPUS and other citation databases as publications. No illustrations, references and acknowledgements are allowed in abstracts. Use the 'abstract template' file to prepare your abstract.

Presentations

Regular oral presentations are limited to 15+5 minutes, and keynote talks to 25+5 minutes. Slides should be prepared in MS PowerPoint (.ppt, .pptx) or pdf formats and delivered to the organisers during on-site registration.

Posters will be displayed during the entire conference and presented during the poster session.

Visit geological collections of Estonia

Large collections of Baltic Ordovician fossils and rocks are kept at the Department of Geology Tallinn University of Technology, the Estonian Museum of Natural History and at the Natural History Museum, University of Tartu (in Tartu, 180 km South of Tallinn). Participants of the conference are welcome to arrive earlier or leave later, in order to study these collections. Please contact the corresponding curators at your earliest convenience, but no later than May 1, 2023, to ensure the availability of the material. Data on many collection specimens, samples, localities etc have been digitised and made accessible online in the national geoscience data portal: <https://geoloogia.info>. Contact:

- Ursula Toom, Department of Geology, Tallinn University of Technology (ursula.toom@taltech.ee)
- Mare Isakar, Natural History Museum, Tartu University (mare.isakar@ut.ee)
- Karin Truuver, Estonian Museum of Natural History (karin.truuver@loodusmuuseum.ee)

Visit geological collections in Sweden

The main collections of Swedish Palaeozoic fossils and rocks are kept at the Museum of Evolution at Uppsala University, the Swedish Geological Survey (also in Uppsala) and the Swedish Museum of Natural History in Stockholm. Participants of the conference are welcome to study these collections. Please contact the corresponding curators at your earliest convenience, but no later than May 1, 2023, to ensure the availability of the material. Contact:

- Jan Ove R. Ebbestad, Museum of Evolution, Uppsala University (jan-ove.ebbestad@em.uu.se)
- Linda Wickström, Geological Survey of Sweden (Linda.Wickstrom@sgu.se)

- Jonas Hagström, Swedish Museum of Natural History, Stockholm (jonas.hagstrom@nrm.se)

Excursions

The conference will be preceded by an excursion in Estonia introducing all classic Ordovician successions in the eastern Baltic region and a post-conference field trip in Sweden (organised by Jan Ove Ebbestad, Uppsala University). The pre-conference excursion is also an official excursion of the STRATI-2023 Conference. **Please note that the number of places is limited on both excursions.** The places are reserved in the order of registration and kept only if the fee is paid before April 1, 2023.



The pre-conference excursion will visit, among other stops, the Reinu limestone quarry near Rapla, which is a new outcrop of the Hirnantian Stage and the Ordovician-Silurian boundary in Estonia.

Pre-conference excursion: Ordovician of Estonia (July 15-18, 2023)

The 4-days excursion will focus on the Ordovician succession of northern and central Estonia. The cost is **EUR 300** (includes bus travel, field lunches, excursion guidebook). The maximum number of participants is limited to **60**. Please note that participants are responsible for arranging accommodation for the entire period of the excursion in Tallinn.

The stops to be visited include coastal cliffs exposing uppermost Cambrian to Upper Ordovician siliciclastics and limestones, and active quarries and opencast mines for limestone and oil shale. Additionally, selected drill cores from central and southern Estonia piercing the entire Ordovician sequence will be shown at the Geological Survey's core study facility.

Post-conference excursion: Ordovician in Sweden (July 23-26, 2023)

The 4-days excursion will focus on the Ordovician successions of Västergötland (southwest of Sweden) and the Siljan district (central Sweden). The preliminary cost is **EUR 600** (includes bus travel, four field lunches, three dinners, and accommodation for three days during the field excursion) and late price EUR 700. The maximum number of participants is limited to 45. The excursion will start from Uppsala, and please note that participants are responsible for arranging accommodation for the day before the excursion (22 to 23 July) and the day/days following the excursion (26 July onwards). A variety of hotels and other types of accommodation is available at <https://booking.com> with a price range from EUR 50 to EUR 200 per night.

The field trip to Västergötland (two days) will include Mt Kinnekulle with the condensed Middle Ordovician limestone succession, and the Hirnantian at Mt Billingen. Some highlights in the Siljan district (two days) include type sections for several of the Swedish Ordovician units and the famous Boda Limestone carbonate mounds.

Scientific committee

David A. T. Harper (Durham University)

Lars Holmer (Uppsala University)

Petr Kraft (Charles University)

Thomas Servais (CNRS-Université de Lille)

Zhan Renbin (Nanjing Institute of Geology and Palaeontology)

Organising committee

Tõnu Meidla, chairman (University of Tartu)

Olle Hints, vice chair (Tallinn University of Technology)

Oive Tinn, secretary (University of Tartu)

Leho Ainsaar (University of Tartu)

Tavo Ani (Estonian Geological Survey)

Markus Maido (Estonian Geological Survey)

Peep Männik (Tallinn University of Technology)

Helje Pärnaste (Tallinn University of Technology)

Marko Kabel (Estonian Geological Survey)

Ursula Toom (Tallinn University of Technology)

Karin Truuver (Estonian Museum of Natural History)

Jan Ove R. Ebbestad (Museum of Evolution, Uppsala University, Sweden)

Contact and further information

Website:

<https://isos14.org>

E-mail and phone:

Oive Tinn (conference secretary): phone +372 53 33 15 56, oive.tinn@ut.ee

Tõnu Meidla (chairman of organising committee): phone +372 514 4504

Olle Hints (pre-conference excursion): phone +372 51 30 157, olle.hints@taltech.ee

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